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CENTRAL FAX CENTER**MAY 19 2004****FAX TRANSMISSION****DATE:** May 19, 2004**PTO IDENTIFIER:** Application Number 09/886,400
Patent Number**Inventor:** Dennis MURPHY et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** MORRISON & FOERSTER LLP

Gregory P. Einhorn

PHONE: (858) 720-5133**Attorney Dkt. #:** 564462000320**PAGES (Including Cover Sheet):** 23**CONTENTS:** Fee Transmittal (1 page + 1 copy for processing);
Transmittal (1 page);
Petition for Extension of Time (1 page);
Response and Amendment (15 pages);
Declaration Under 37 C.F.R. Section 1.132 (3 pages)

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PTO/SB/21 (08-03)

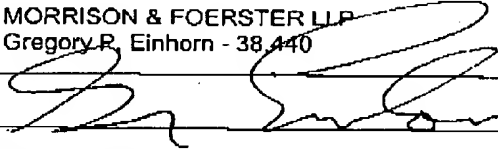
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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>		Application Number	09/886,400
		Filing Date	June 20, 2001
		First Named Inventor	Dennis MURPHY
		Art Unit	1652
		Examiner Name	D. M. Ramirez
Total Number of Pages in This Submission	23	Attorney Docket Number	564462000320

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form + 1 copy <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply - 15 pgs. <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request - 1 pg. <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declaration Under 37 C.F.R. Section 1.132 - 3 pgs.
Remarks CUSTOMER NUMBER 25226		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	MORRISON & FOERSTER LLP Gregory R. Einhorn - 38,440
Signature	
Date	May 19, 2004

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Date of Transmission	5/19/04 
	Jeanne Amour

SD-200190

PTO/SB/17 (10-03)

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**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 210.00**Complete if Known**

Application Number	09/886,400
Filing Date	June 20, 2001
First Named Inventor	Dennis MURPHY
Examiner Name	D. M. Ramirez
Art Unit	1652
Attorney Docket No.	564462000320

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit
Account
Number

03-1952

Deposit
Account
Name:

Morrison & Foerster LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		-20** =		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-3** =							
Multiple Dependent									

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent claim, if not paid	
1204	86	2204	43	** Reissue Independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

** or number previously paid, if greater. For Reissues, sum above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	85	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	210.00
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unworkable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility Issue fee (or reissue)	
1502	480	2502	240	Design Issue fee	
1503	840	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(g)	
1808	180	1808	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(i))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 210.00**SUBMITTED BY**

Name (Print/Type) Gregory P. Einhorn

Signature

Registration No.
(Attorney/Agent)

38,440

(Complete if applicable)

Telephone (858) 720-5133

Date

May 19, 2004

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5/19/04
Date of TransmissionJeanne Amour
Jeanne Amour

SD-200193

PTO/SB/17 (10-03)

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METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

03-1952

Deposit Account Name

Morrison & Foerster LLP

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FEE CALCULATION (continued)**3. ADDITIONAL FEES**

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1806	180	1806	180	Submission of Information Disclosure Stmt	
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Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 210.00

SUBMITTED BY

Name (Print/Type) Gregory P. Einhorn

Registration No. (Attorney/Agent)

38,440

(Complete if applicable)

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Signature

Date

May 19, 2004

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Attorney's Docket No.: 56446-20003.20/-004005/ D1120-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Murphy, et al.

Art Unit : 1652

Serial No. : 09/886,400

Examiner : Delia M. Ramirez, Ph.D.

Filed : June 20, 2001

Title : ALPHA GALACTOSIDASES AND METHODS FOR MAKING AND USING THEM (AMENDED)

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MAY 19 2004

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE AND AMENDMENT

OFFICIAL

Sir:

Responsive to the non-final office action, mailed December 19, 2003, Applicants respectfully request entry of the amendments and consideration of the remarks set forth herein.

A response was initially due March 19, 2004. Applicants herein submit a petition for a two month extension of time to May 19, 2004, under 37 C.F.R. §1.136, with the appropriate fee under 37 C.F.R. §1.17. Accordingly, this Response is timely filed.

The amendments are reflected in the listing of claims which begin on page 2 of this paper.

Remarks begin on page 9 of this paper.

The following documents are also enclosed herewith:

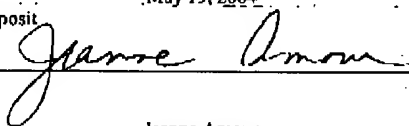
- Transmittal letter, and Petition for Extension of Time;
- Fee Transmittal;
- Rule 132 declaration by Dr. Jay Short;
- Facsimile cover sheet.

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Jeanne Amour

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